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MCD2010

EN	User manual	3
DE	Benutzerhandbuch	27
ES	Manual del usuario	53
FR	Mode d'emploi	79
IT	Manuale utente	105
NL	Gebruiksaanwijzing	131
PT	Manual do utilizador	157
SV	Användarhandbok	183

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Contents

1 Important 4
Know these safety symbols 4
Important Safety Instructions 4
Hearing safety 4
Notice 5

2 Congratulations 7
Feature introduction 7
What's in the box 7
Overview of the main unit 8

3 Before use 11
Place the unit 11
Connect 12
Install/replace the battery of remote control 13

4 Get started 14
Turn on 14
Store radio stations automatically 14
Find the correct video input channel 14
Select the correct TV system 15
Select a language for on-screen display 15

5 Play disc/USB 15
Basic operation 15
Play a disc 15
Play recored files 16
Control the play 16
Picture view options 17
Play slideshow and music simultaneously 18
Adjust sound 18

6 Listen to FM radio 19
Tune to FM radio stations 19
Program radio stations automatically 19
Program radio stations manually 19
Tune to a preset radio station 19
Show RDS information 19

7 Setup 20
General setup 20
Video Setup 21
Audio Setup 21
Preference setup 21

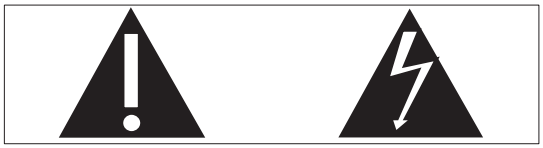
8 Other features 22
Set alarm timer 22
Set sleep timer 23
Listen through headphone 23
Listen to external audio device 23

9 Product information 23
Region Code 23
Specifications 23
Supported disc formats 24
Supported audio 24
USB playability information 25

10 Troubleshooting 25

1 Important

Know these safety symbols



This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.
The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Important Safety Instructions

- Only use attachments/accessories specified by the manufacturer.
- Keep this unit away from direct sunlight, naked flames, or heat.
- Apparatus shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Warning

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the unit.

Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Hearing safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

- Set your volume control at a low setting.

- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations. Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Notice

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

CE

This product complies with the radio interference requirements of the European Community.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.
Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Copyright notice

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

Trademark notice

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

'DVD Video' is a trademark of DVD Format/ Logo Licensing Corporation.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.
ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.
DivX®, DivX Certified® and associated logos are registered trademarks of DivX, Inc. and are used under license.

Note

- The type plate is located on the bottom of the unit.

Norge

Typeskilt finnes på apparatens underside.
Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.
For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

2 Congratulations

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.
If you contact Philips, you will be asked for the model and serial number of this product. The model number and serial number are on the back of the main unit. Write the numbers here:
Model No. _____
Serial No. _____

Feature introduction

This unit can
- play videos, audios, and display pictures from discs and USB storage devices
- play audios from iPod/iPhone/iPad

For the details of supported media, refer to "Specifications".

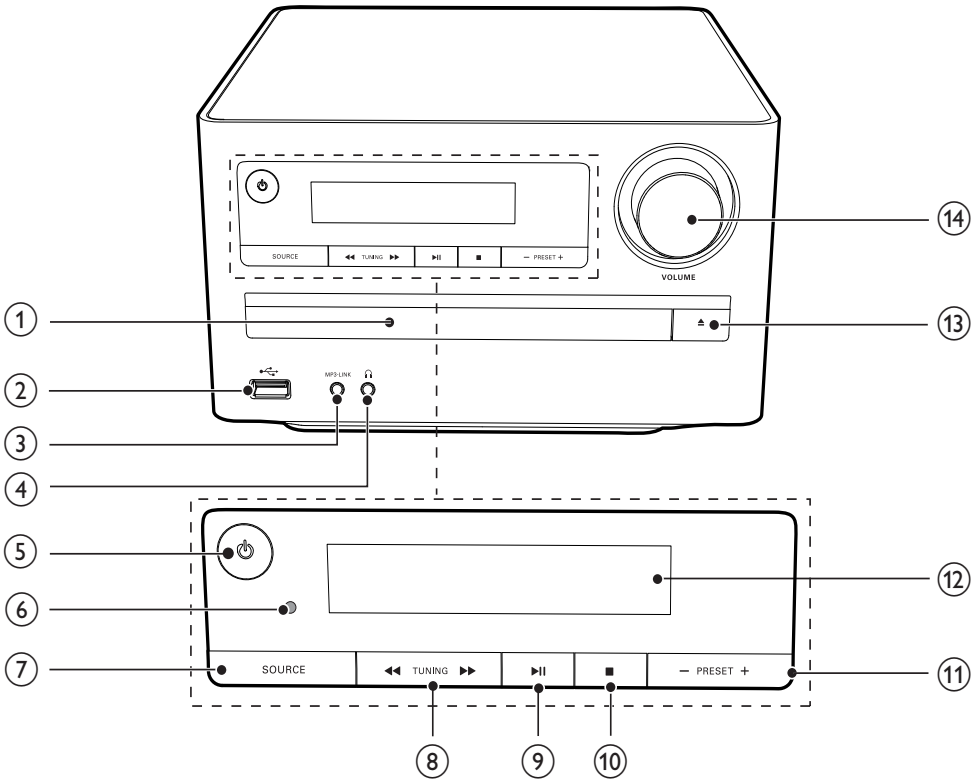
What's in the box

Check and identify the contents of your package:
- Main unit
- 2 X speakers
- Remote control
- Video cable
- FM antenna aerial
- User manual

English

Overview of the main unit

Overview of the main unit



① **Disc compartment**
- Hold the disc.

② ⇽
- USB socket.

③ **MP3 LINK**
- Connect external audio device.

④ 🎧
- Headphone socket.

⑤ ⏻
- Turn on the apparatus, switch to standby mode, or Eco Power standby mode.

⑥ **IR sensor**
- Detect signals from the remote control. Always point the remote control at the IR sensor.

⑦ **SOURCE**
- Select a source.

⑧ **◀◀ TUNING ▶▶**
- Rotate a photo.
- Fast backward or forward.

⑨ **▶II**
- Start or pause play.

⑩ **■**
- Stop play.
- Erase a program.

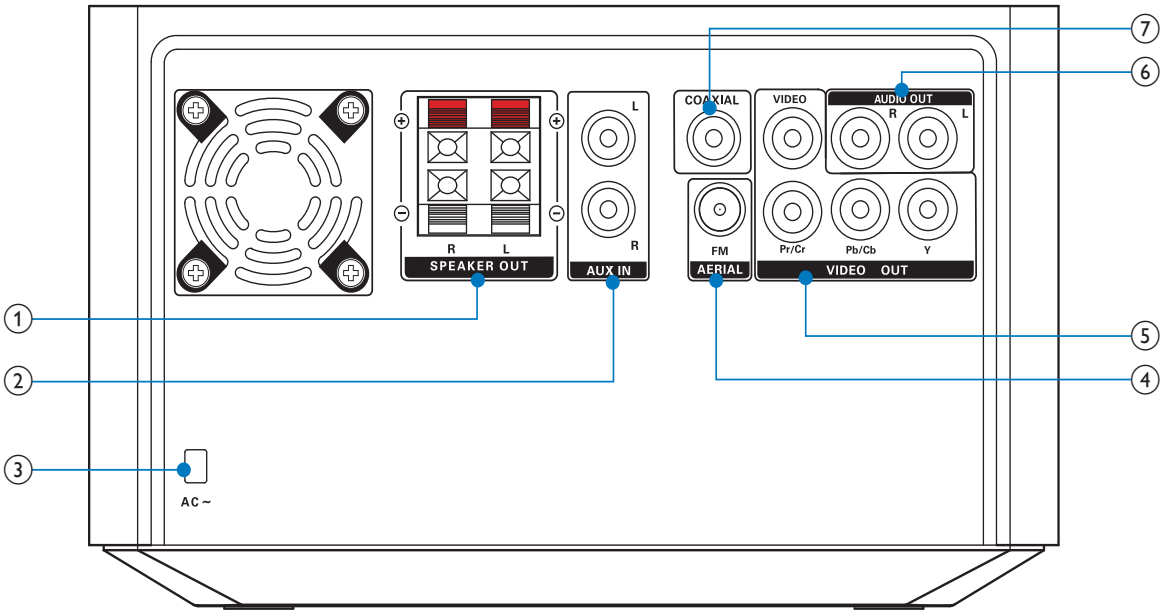
⑪ **I◀ PRESET ▶I**
- Skip to the previous/next track, title, or file.
- Select a programmed radio station.

⑫ Display panel
- Show current status.

⑬ ▲
- Open or close the disc tray.

⑭ VOLUME
- Adjust volume.
- Adjust time.

Back view



① SPEAKER OUT
- Connect the speakers.

② AUX-IN
- Connect an external audio device.

③ AC MAIN~
- Connected with AC power cord.

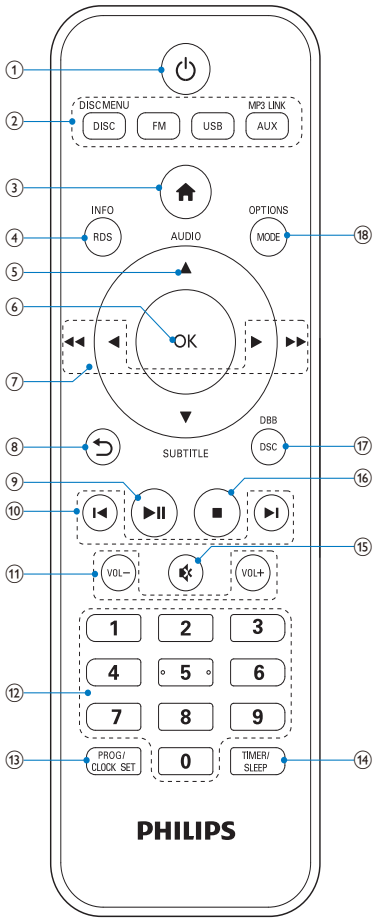
④ FM AERIAL
- Improve FM reception.

⑤ VIDEO OUT
- Video output jack.

⑥ AUDIO OUT L/R
- Audio output jack.

⑦ COAXIAL
- Coaxial jack.

Overview of remote control



① ⏻
- Switch the micro system on/off.

② DISC/DISC MENU/FM/USB/AUX/MP3 LINK
- Select the source.

③ ⌂
- Access the home menu.

④ RDS/INFO
- Show the disk information such as title, chapter, time elapsed, total time etc.
- Show the information of RDS stations (if available).

⑤ ▲ AUDIO / ▼ SUBTITLE
- For menus: navigate up/down.
- Invert a picture.
- ▲ **AUDIO**: Toggle between stereo and mono.
- ▼ **SUBTITLE**: Select a subtitle language for a video.

⑥ OK
- Confirm a selection.

⑦ ◀▶ / ◀◀ ▶▶
- Search in a track or disc.
- Fast backward or forward.
- For menus, navigate left/right.
- Rotate a picture.

⑧ ⮌
- Return to a previous display menu.

⑨ ▶II
- Start, pause or resume play.

⑩ I◀ / ▶I
- Skip to the previous/next track, title, or file.
- Select a programmed radio station.

⑪ VOL +/-
- Adjust the volume.

⑫ Numeric buttons
- Select a title/chapter/track to play.

⑬ PROG/CLOCK SET
- Program radio stations.
- Set clock.

⑭ TIMER/SLEEP
- Set sleep timer.
- Set alarm timer.

⑮ 🔇
- Mute.

⑯ ■
- Stop play.
- Erase a programed radio station.
- Activate/deactivate the demonstration mode.

⑰ DSC/DBB
- Select a preset sound setting.
- Turn on or off dynamic bass enhancement.

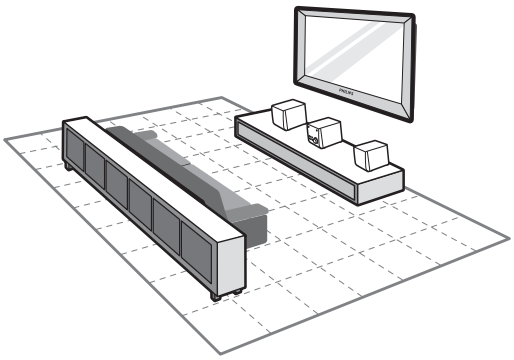
⑱ MODE/OPTIONS
- Select repeat play or random play.
- Accesses options relating to the current activity or selection.

3 Before use

Place the unit

Note

- Risk of overheating! Never install this apparatus in a confined space. Always leave a space of at least 4 inches around this apparatus for ventilation. Ensure curtains or other objects never cover the ventilation slots on this apparatus.
- Place this unit on a flat, hard, and stable surface.
- Never place this unit in an enclosed cabinet, nor on any other electrical equipment.
- Do not insert any object other than indicated into ventilation openings nor other openings.
- Install this unit near the AC outlet where the AC power plug can be easily reached.
- To avoid magnetic interference or unwanted noise, never place the main unit and speakers too close to any radiation devices.

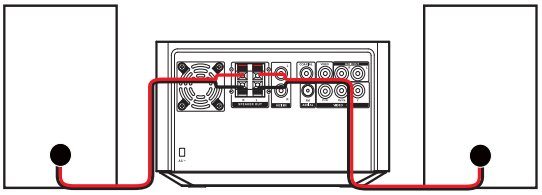


1 Place the unit near to the TV.
2 Place the speakers at a suitable distance from the TV and at an angle of approximately 45 degrees from the listening position.

Connect

Connect speakers

1 Insert the speaker wires completely into the speaker input sockets on the back of the unit.



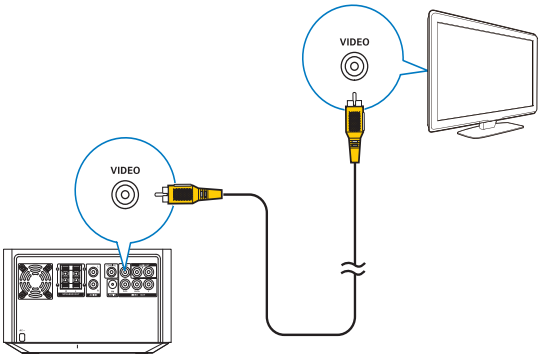
Note

- For optimal sound, use the supplied speakers only.
- Connect only speakers with impedance that is the same or higher than the supplied speakers. Refer to the Specifications section of this manual.

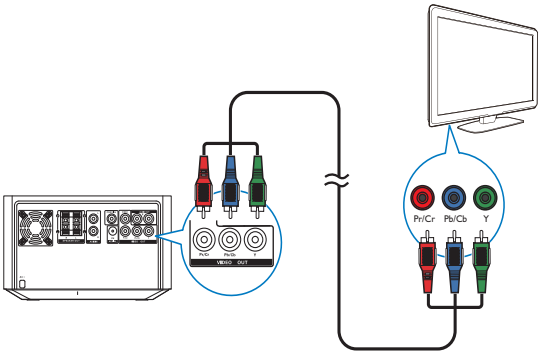
Connect TV

Connect the audio and video cables to the output sockets on the unit and the corresponding input sockets on your TV. Select the best video connection that your TV supports.

Connect through a composite video cable



Option 2: Connect through component video cables



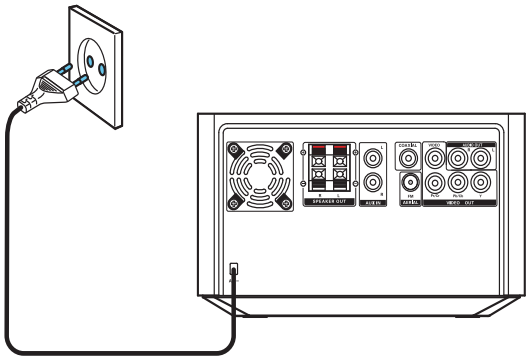
Connect a progressive scan TV through component video cables for higher quality video.

Connect power

Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Risk of electric shock! When you unplug the AC power cord, always pull the plug from the socket. Never pull the cord.
- Before you connect the AC power cord, ensure that you have completed all other connections.

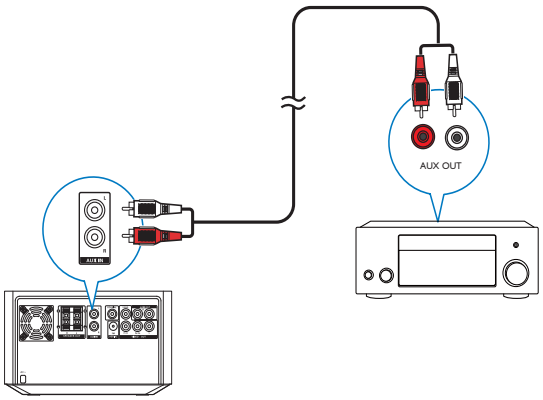
1 Connect the power cable to the wall socket.



You can route audio from an external device to this product.

Connect an audio cable to:

- the **AUX IN L/R** sockets on this product.
- the audio output sockets on the external device (for example, audio player).

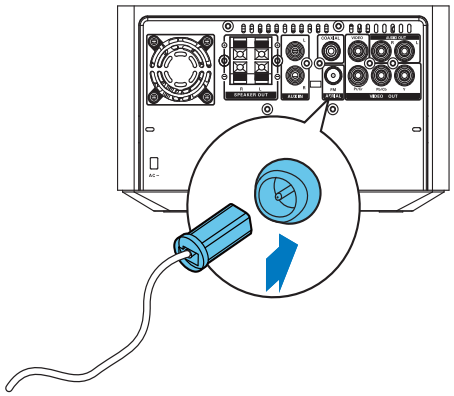


Connect FM aerial

Tip

- For optimal reception, fully extend and adjust the position of the antenna.
- For better FM stereo reception, connect an outdoor FM antenna to the **FM AERIAL** socket.
- The unit does not support MW radio reception.

1 Connect the supplied FM antenna to the **FM AERIAL** socket on the main unit.



Install/replace the battery of remote control

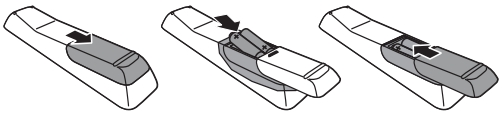
Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Do not mix batteries (old and new or carbon and alkaline, etc).
- Remove the battery if the remote control is not to be used for an extended period of time.

1 Push to open the battery compartment cover.

2 Insert 2 AAA batteries with correct polarity (+/-) as indicated.

3 Close the cover.



4 Get started

Turn on

1 Press ⏻.
↳ The unit switches to the last selected source.

Note

- If no source is played within 15 minutes, the unit switches to standby mode.
- If no operation is performed within 15 minutes in standby mode, the unit switches to Eco-power standby mode.
- Press ⏻ to switch the unit to the last source when it was turned off.

Demonstrate the unit's features

1 In the standby mode, press ■ until "DEMO ON" is displayed.
↳ This system's features are displayed one by one.
- To turn off the demonstration, press ■ again.

Set the clock

The unit uses the 24-hour or 12-hour time format.

1 In standby mode, press and hold **PROG/CLOCK SET** for three seconds.
↳ "CLOCK SET" scrolls on the display. Then the time format **[24H]** or **[12H]** is displayed.

2 Press ▲ / ▼ to select a time format. Press **PROG/CLOCK SET** to store the setting.
↳ The hour digits blink.

3 Press ▲ / ▼ to set the hour. Press **PROG/CLOCK SET** to store the setting.
↳ The minute digits blink.

4 Press **PROG/CLOCK SET** to confirm the setup.

Note

- The number key on the remote control is deactivated in this mode.

Store radio stations automatically

If no radio stations are stored, the unit can store radio stations automatically.

1 Turn on the unit.

2 Press **FM**.
↳ **[AUTO INSTALL -- PRESS PLAY -- STOP CANCEL]** (press ▶❚❚ to start automatic installation, or press ■ to cancel) is displayed.

3 Press ▶❚❚.
↳ The unit automatically stores radio stations with sufficient signal strength.
↳ After all available radio stations are stored, the first stored radio station is broadcast automatically.

Find the correct video input channel

1 Turn on your unit.

2 Press **DISC** to select the disc source.
- Turn on the TV and switch to the correct video-in channel.

Note

- See the user manual of your TV for how to switch between video-in channels.

Select the correct TV system

This unit is compatible with both NTSC and PAL. If the picture is abnormally displayed with the default setting, select a TV system that matches your TV. (Refer to "Setup" > "Video Setup" > for **[TV System]** details)

Select a language for on-screen display

English is the default language options for this setting. (See "Setup" > "General Setup" > **[OSD LANGUAGE]** for details)

5 Play disc/USB

Caution

- Risk of damage to the unit! During play, never move the unit.
- Never put any object other than a disc into the disc compartment.
- Never look at the laser beam inside the unit.
- Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.

Basic operation

The listed operations are applicable for all supported media.

Function	Action
Stop play	Press ■.
Pause or resume play	Press ▶II.
Skip to the previous/next title, chapter, track, or file	Press I◀ / ▶I.

Play a disc

1. Press **DISC** to select the disc source.
2. Press ▲ on the main unit to eject the disc tray.
3. Place a disc onto the disc tray with the printed side upward, and then press ▲.
4. The unit starts playing automatically.
   - To start the play manually, press ▶II.
   - To play a DVD that has a rating level higher than your setting, enter the 6-digit password (136900) first.

Select a subtitle language

You can select a subtitle language for a DVD or DivX (Ultra) video.

1 During play, press **SUBTITLE** repeatedly.

Note

- For some DVDs, the language can only be changed from the disc menu. Press **DISC MENU** to access the menu.

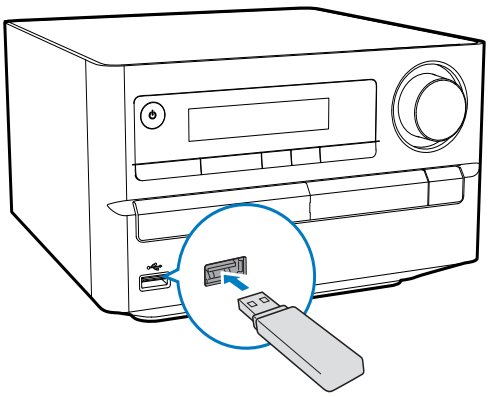
Play recored files

You can play DivX/MP3/WMA/JPEG files that are copied onto a CD-R/RW, recordable DVD, or USB storage device.

Note

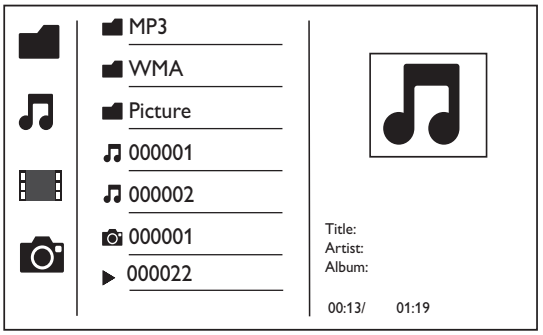
- You can only play DivX videos that are rented or purchased with DivX® registration code of this unit. (See "Setup" > "General setup" > **[DivX(R) VOD Code]**)
- Subtitle files with the following file extensions (.srt, .smi, .sub, .ssa, .ass) are supported but not displayed in the file list.
- The subtitle filename has to be the same as the filename of the DivX video (the file extension excluded).
- The DivX video file and the subtitle files must be saved under the same directory.

Connect a USB storage device



1 Press **USB** to select the source for USB storage device.

2 Insert the USB storage device.
↳ The unit starts playing automatically.
↳ The user interface is displayed.



- On the left: the information source.
- In the middle: the folder and file list.
- On the right: the detailed file information, time elapsed, total time for the audio/video.

Access a folder

1 Press ▲ / ▼ to highlight the selected folder name.

2 Highlight **[Previous]** and press **OK** back to the last-level menu.

Play a file

1 Access the selected folder.

2 Press ▲ / ▼ to highlight the selected file name.

3 Press **OK** to confirm.
↳ The selected file starts playing.
↳ The unit stops playing automatically at the end of the last file of same category.

Control the play

Display play information

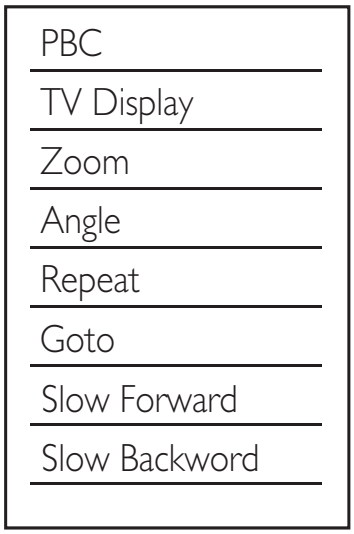
1 During play, press **INFO/RDS** to display play information on the TV.

Search forward/backward

1 During video/audio play, press ◀◀ / ▶▶ repeatedly to select a search speed.
   - To resume play at normal speed, press ▶II.

PBC menu

1 During video playback, press **OPTIONS** to access PBC menu.



2 Use ▼▲ to highlight desired option.
   - **[TV Display]**
   - **[Zoom]**
   - **[Angle]**
   - **[Repeat]**
   - **[Goto]**
   - **[Slow Forward]**
   - **[Slow Backward]**
3 Press ▶ to access sub options, and use ▼ / ▲ to select the right sub option.
4 Press **OK** button to confirm the selection.

Slow forward/backwoard play

1 During video play, press **OPTIONS** to access PBC menu.
2 Use ▲ / ▼ to highlight the slow forward/ backward option.
3 Press ▶, and use ▲ / ▼ to select the right ratio.
4 Press **OK** button to confirm the selection.

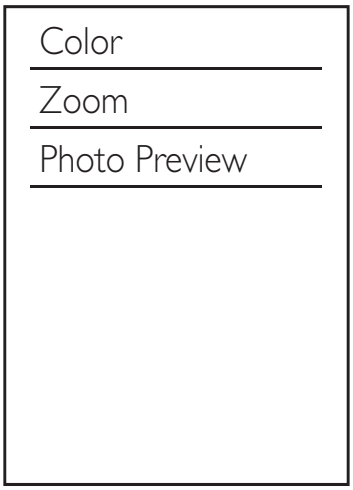
Search by time or title/chapter/track number

1 During play, press **OPTIONS** to access PBC menu.
2 Use ▲ / ▼ to highlight **[Goto]**.
3 Press ▶ to access menu.
4 Use ▲ / ▼ to highlight the title number, chapter number, track number, or time field.
5 Press **OK** to confirm.
   ↳ the selected segment is displayed.
   ↳ Play starts automatically.

Picture view options

Image playback control

1 Press **OPTIONS** to access image options.



2 Use ▲▼ to highlight the desired option.
   - **[Color]**
   - **[Zoom]**
   - **[Photo Preview]**

3 Press ▶, and use ▲▼ to select the sub options.

4 Press **OK** button to confirm the selection.

Rotate picture

1 During play, press ◀ / ▶ to rotate the picture anti-clockwise/clockwise.

Play slideshow and music simultaneously

Note

- Make sure that the USB storage device or the disc contains both WMA/MP3 files and JPEG photos.

1 Play a WMA/MP3 file.

2 Access a photo folder.

3 Select a photo file.

4 Press **OK** to start the slideshow.
   - The slideshow stops after all photos are displayed for one time.
   - To stop the slideshow, press ■.

Note

- This function is only available when you select the folder as the play source.
- This unit can only display digital camera pictures with JPEG-EXIF format, which is widely used in digital cameras. It cannot display Motion JPEG, nor pictures in formats other than JPEG. Sound clips associated with pictures cannot be displayed either.
- If the JPEG photo is not recorded with an "exif" type file, it is displayed as a "blue mountain" thumbnail picture.

Adjust sound

During play, you can adjust volume through following operations.

Key	Function
VOL +/-	To increase/decrease the volume.
🔇	To mute/restore sound.
DBB/DSC	To select your desired sound effect: [**POP**] (pop) [**JAZZ**] (jazz) [**ROCK**] (rock) [**CLASSIC**] (classic) [**DBB**] (DBB) **[FLAT]** (flat)

6 Listen to FM radio

Tune to FM radio stations

Note

- Ensure that you have connected and fully extended the supplied FM antenna.

1 Press **FM**.
2 Press and hold ◀◀ / ▶▶ to tune to a radio station.
3 When the frequency starts to change, release the button.
   ↳ The FM tuner tunes to a station with strong reception automatically.
4 Repeat steps 2-3 to tune to more stations.

To tune to a weak station:
Press ◀◀ / ▶▶ repeatedly until you find optimal reception.

Program radio stations automatically

Note

- You can program a maximum of 20 preset radio stations.

1 In FM tuner mode, press **PROG/CLOCK SET** for 3 seconds to activate automatic programming.
   ↳ **[AUTO]** (auto) is displayed.
   ↳ The unit stores all the FM radio stations automatically and then broadcasts the first preset radio station.

Program radio stations manually

Note

- You can program a maximum of 20 preset radio stations.

1 Tune to a radio station.
2 Press **PROG/CLOCK SET** to activate programming mode.
3 Press ⏮ / ⏭ to select a number from 1–20 for this radio station, then press **PROG/CLOCK SET** to program the current radio station.
   ↳ The preset number and the frequency of the preset station are displayed.
4 Repeat steps 2-3 to program other stations.

Note

- To overwrite a programmed station, store another station in its place.

Tune to a preset radio station

1 Press **FM**.
2 Press ⏮ / ⏭ to select a preset number.

Show RDS information

RDS (Radio Data System) is a service that allows FM stations to show additional information. If you tune to an RDS station, an RDS icon and the station name are displayed.

1 Tune to an RDS station.
2 Press **RDS/INFO** repeatedly to scroll through the following information (if available):
   ↳ Station name

↳ Program type such as **[NEWS]** (news), **[SPORT]** (sport), **[POP M]** (pop music)...

↳ Frequency

Synchronize clock with RDS station

You can synchronize the clock time on the unit with an RDS station.

1 Tune to an RDS radio station that transmits time signals.

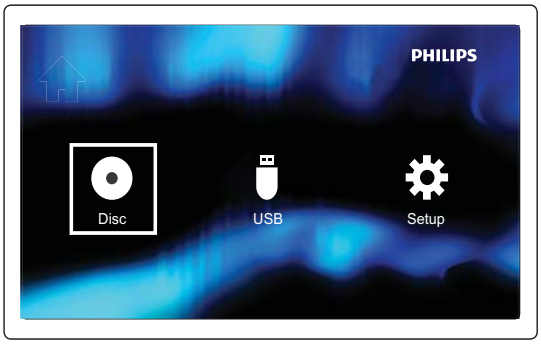
2 Press **RDS/INFO** for over 2 seconds.
↳ **[CT SYNC]** is displayed and the unit reads RDS time automatically.
↳ If no time signal is received, **[NO CT]** is displayed.

Note

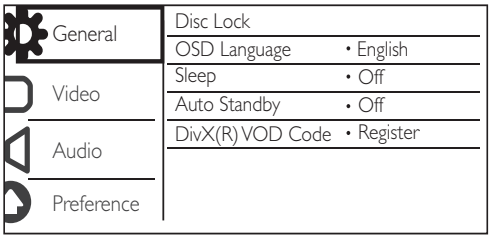
- The accuracy of the transmitted time depends on the RDS station that transmits the time signal.

7 Setup

1 After you press the button ⌂.
↳ The home menu appears.



2 Select ✿ to access the system menu.



Note

- You cannot change a menu option that is grayed out.
- To return to the previous menu, press ⮌. To exit the menu, press ⌂ again.

General setup

1 Press ⌂ button.

2 Select ✿ to access the setup menu.

3 Select ✿ to access the **[General Setup]** options.
- **[Disc Lock]**: Turn Disc lock.
- **[OSD Language]**: Select an on-screen display menu language.

- **[Sleep Timer]**:Sets a sleep timer to switch the home theater to standby after a specific time.
- **[Auto Standby]**:Enables or disables auto standby. If enabled, the home theater switches to standby after 30 minutes of inactivity (for example, in pause or stop mode).
- **[DivX(R) VOD Code]**: Get registration code of DivX Video On Demand Registration.

Note

- If you select a language which is not available on a disc, this unit uses the default language of the disc.

Video Setup

1 Press ⌂ button.
2 Select ✲ to access the setup menu.
3 Select ▭ to access the **[Video Setup]** options.
   - **[TV System]:**Selects a TV system that is compatible with the TV.
   - **[TV Display]**: Set screen display format(Pan Scan, Letter Box or Wide Screen).
   - **[Progressive]**:Enables or disables progressive scan mode.
   - **[Picture Settings]**: Select a predefined color setting or set the color manually.

Audio Setup

1 Press ⌂ button.
2 Select ✲ to access the setup menu.
3 Select 🔊 to access the **[Audio Setup]** options.
   - **[Analogue Output]**:Selects the analog audio setting based on the audio device that is connected through the analog audio jacks.
   - **[Digital Audio]**:Select audio formats supported by the connected device.
   - **[Sound Mode]**: Selects a preset sound effect to enhance the audio output.
   - **[Night Mode]**: Select quiet or full dynamic sound. Night mode decreases the volume of loud sound and increases the volume of soft sound (such as speech).

Preference setup

1 Press ⌂ button.
2 Select ✲ to access the setup menu.
3 Select ⌂ to access the **[Preference Setup]** options.
   - **[Audio]**: Select an audio language for video.
   - **[Subtitle]**: Select a subtitle language for video.
   - **[Disc Menu]**: Select a menu language for a video disc.
   - **[Parental Control]**: Set the rating level to a disc. Restrict access to discs that are encoded with ratings These discs must be recorded with rating levels.
   - **[PBC]**:Display or skip the content menu for VCD and SVCD.
   - **[Password]**: Set or change a password to play a restricted disc.
   - **[DivX Subtitle]**:Select the language of the DivX.
   - **[Version Info.]**:Display the software version for the .
   - **[Default]**:Reset the home theater to the **d**efault settings programmed at the factory.

Note

- Ensure that the subtitle file has the exact same file name as the movie file. If for example the file name of the movie is 'Movie.avi', then you need to name the text file 'Movie.sub' or 'Movie.srt'.

8 Other features

Set alarm timer

This unit can be used as an alarm clock. You can select DISC, TUNER or USB as alarm source.

Note

- Make sure that you have set the time correctly.

1 In standby mode, press and hold **SLEEP/TIMER** for three seconds
   ↳ **[TIMER SET]**(timer set) scrolls on the display.
   ↳ **[SELECT SOURCE]** (select source) scrolls on the screen.

2 Press **SOURCE** repeatedly to select a source: DISC, USB, TUNER.

3 Press **SLEEP/TIMER** to confirm.
   ↳ The hour digits are displayed and begin to blink.

4 Press ▲ / ▼ repeatedly to set hour, then press **SLEEP/TIMER** again to confirm.
   ↳ The minute digits are displayed and begin to blink.

5 Press ▲ / ▼ to set minute, then press **SLEEP/TIMER** to confirm.
   ↳ **VOL** (volume) is displayed and begins to blink.

6 Press ▲ / ▼ to adjust volume, then press **SLEEP/TIMER** to confirm.
   ↳ ◴ is displayed.
   ↳ To deactivate alarm timer, press **SLEEP/TIMER** again.

Note

- Alarm timer is not available in MP3 LINK mode.
- If DISC/USB source is selected and the track cannot be played, tuner is activated automatically.

Set sleep timer

1 When the unit is turned on, press **SLEEP/TIMER** repeatedly to select a time period (in minutes).
   ↳ When sleep timer is activated, zZ is displayed.
   ↳ To deactivate sleep timer, press **SLEEP/TIMER** again until zZ disappears.

Listen through headphone

Plug a headphone into the 🎧 socket.

Listen to external audio device

You can listen to an external audio device such as MP3 player through this unit.

1 Connect the MP3 link cable to:
   • the **MP3 LINK** socket
   • the audio output jack (usually headphone jack) of the external device.
2 Select **MP3 LINK** source.
3 Play the device.

9 Product information

Note

• Product information is subject to change without prior notice.

Region Code

You can play DVD discs marked with the following region code.

DVD region code	Countries
	Europe

Specifications

Amplifier

Rated Output Power	2 X 10 W RMS
Frequency Response	40-20000 Hz, ±3 dB
Signal to Noise Ratio	> 82 dB
Aux Input	1000 mV RMS 22kohm

Disc

Laser Type	Semiconductor
Disc Diameter	12 cm/8 cm
Video Decoding	MPEG-1 / MPEG-2 / DivX
Video DAC	12 Bits
Signal System	PAL / NTSC
Video Format	4:3 / 16:9
Video S/N	> 57 dB

Audio DAC	24 Bits / 96 kHz
Total Harmonic Distortion	< 1% (1 kHz)
Frequency Response	4 Hz - 20 kHz (44.1 kHz) 4 Hz - 22 kHz (48 kHz) 4 Hz - 24 kHz (96 kHz)
S/N Ratio	> 82 dBA

Tuner (FM)

Tuning Range	87.5 - 108MHz
Tuning grid	50KHz
Sensitivity - Mono, 26dB S/N Ratio	<22 dBf
Sensitivity - Stereo, 46dB S/N Ratio	<43 dBf
Search Selectivity	<28dBf
Total Harmonic Distortion	<2%
Signal to Noise Ratio	>55dB

Speakers

Speaker Impedance	6 ohm
Sensitivity	85 dB/m/W ±2dB/m/W

General information

AC power	220–240 V, 50/60 Hz
Operation Power Consumption	13 W
Eco Standby Power Consumption	0.5 W
Headphone output	2 X 15 mW, 6 ohm
USB Direct	Version 2.0
Composite Video Output	1.0 Vp-p, 75 ohm
Coaxial Output	0.5 Vpp±0.1Vpp, 75 ohm
Dimensions	
- Main Unit (W x H x D)	200 X 118 X 210 mm
- Speaker Box (W x H x D)	140 X 224 X 144 mm
Weight	
- Main Unit	1.2 kg
- Speaker Box	0.965 kg

Supported disc formats

Supported video media:

- DivX Ultra
- Digital Video Discs (DVDs)
- Picture CD
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- DVD-R/-RW
- MP3-CD
- CD-R/CD-RW
- DVD+R/+RW
- Compact Discs (CDs)

Supported compression formats:

- MPEG1, MPEG2, DivX(DivX Ultra+addendum 1.0), XivD, AVI(MPG), MPEG4, ASF
- JPEG file

Supported audio

- **Supported audio media**
- CD
- CD-R/RW
- MP3-CD
- WMA-CD

Supported following audio formats:

- Dolby Digital Plus/5.1
- PCM Audio
- MP3, MP3 ID3 Tag
- WMA, WMA Tags
- The following formats are not supported:
  - Files like *.VMA,, *.DLF, *.M3U

- *.PLS, *.WAV
- Discs recorded in Joliet format
- MP3 Pro

USB playability information

Compatible USB devices:
- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards is not compatible with this set.

Supported formats:
- USB host shall support FAT16 and FAT 32 File System
- Audio playback: MP3, WMA
- Video playback: MPEG4, AVI, DivX 5.0, DivX Ultra+addendium 1.0
- Photo playback: JPEG

Unsupported formats:
- Empty albums: An empty album is an album that does not contain MP3/WMA files.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, DTS, PCM audio files
- Dolby True HD files
- DRM protected WMA files (.wav, .m4a, .m4p, .aac)
- WMA files in Lossless format

10 Troubleshooting

Caution

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.
If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the philips web site (www.philips.com/support). When you contact philips, ensure that your apparatus is nearby and the model number and serial number are available.

No power
- Ensure that the AC cord of the apparatus is connected properly.
- Ensure that there is power at the AC outlet.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

No disc detected
- Insert a disc.
- Check if the disc is inserted upside down.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

No picture
- Check the video connection.
- Turn on the TV to the correct Video-In channel.

Black and white or distorted picture
- The disc does not match the TV color system standard (PAL/NTSC).
- Sometimes a slight picture distortion may appear. This is not a malfunction.
- Clean the disc.

The aspect ratio of the TV screen cannot be changed even though you have set the TV display format.

- The aspect ratio is fixed on the loaded DVD disc.
- The aspect ratio may not be changed for some TV systems.

No sound or poor sound

- Adjust the volume.
- Disconnect the headphones.
- Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.

Remote control does not work

- Before you press any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/– signs) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the unit.

Disc does not play

- Insert a readable disc with the label side facing you.
- Check the disc type, color system and regional code. Check for any scratches or smudges on the disc.
- Press **SYSTEM MENU** to exit the system setup menu.
- Disable the password for parental control or change the rating level.
- Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour. Disconnect and reconnect the AC power plug, and then turn on the system again.
- As a power-saving feature, the system turns off automatically 15 minutes after disc play reaches the end and no control is operated.

DivX video files cannot be played.

- Ensure that the DivX video file is complete.
- Ensure that the file extension is correct.
- Due to Digital Rights issue, the DRM-protected video files cannot be played through an analog video connection (e.g. composite, component and scart). Transfer the video content onto the Disc Media and play these files.

Poor radio reception

- Increase the distance between the apparatus and your TV or VCR.
- Fully extend the FM antenna.
- Connect an outdoor FM antenna instead.

Audio or subtitle languages cannot be set

- The disc is not recorded with sound or subtitles in multiple languages.
- The audio or subtitle language setting is prohibited on the disc.

Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

USB device not supported

- The USB device is incompatible with the unit. Try another one.

Timer does not work

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased

- Power has been interrupted or the power cord has been disconnected.
- Reset the clock/timer.

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